PAT-NO:

JP402092603A

DOCUMENT-IDENTIFIER:

JP 02092603 A

TITLE:

MANUFACTURE OF DATA RECORDING BOARD

WITH GUIDE GROOVE

PUBN-DATE:

April 3, 1990

INVENTOR-INFORMATION: NAME KURIKAWA, AKINORI KAWAI, HISAO

ASSIGNEE-INFORMATION:

NAME

COUNTRY

HOYA CORP

N/A

APPL-NO:

JP63246380

APPL-DATE:

September 30, 1988

INT-CL (IPC):

B29C043/18, B29C043/56, G11B007/26,

G11B011/10

US-CL-CURRENT: 264/102, 264/496

ABSTRACT:

PURPOSE: To prevent bubbles from remaining in hardening resin by a method wherein the space between a board and a stamper is evacuated.

CONSTITUTION: Ultraviolet-curing resin 2 is applied on a disc board 1 made of glass at the middle part radially. The disc board 1 and a stamper 3 are laminated to each other after the board 1 is turned upside down so as to face the resin 2 downward. Next, after the laminated board 1

and the stamper 3 are placed in a processing vessel 4, the space between the board 1 and the stamper

3 is evacuated so as to remove bubbles left in the resin 2 and, under the

above-mentioned state, to pressurize from both sides in order to produce a

voidless and uniform resin film 2a between the board 1 and the stamper 3.

Next, under the state that both board 1 and the stamper are fixed to each other

by pressure, ultraviolet rays 8 are irradiated through a glass top plate 7 on

the board 1 so as to produce guide grooves 9 by curing the resin film 2a.

Next, the laminated board 1 and the stamper 3 are removed from the processing

device 4 and finally both the board and the stamper are separated from each other.

COPYRIGHT: (C) 1990, JPO&Japio